1   ABSTRACT

2   A method and a system are provided for detection

3   of seizures by applying advanced numerical analysis

4   techniques   to   digitized   waveforms   of   an

5   electroencephalogram   (EEG)   recording.   In   an

6   embodiment, the advanced numerical analysis techniques

7   implemented in the method and system for detecting

8   seizures include a combination of matching pursuit,

9   neural network rules, and connected-object clustering

10   algorithms.